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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 3

Applicant Number 10/092,390
Filing Date 03/06/02
First Named Inventor Yu
Group Art Unit 1643-1647
Examiner Name To be assigned NICHOLS
Attorney Docket Number LEX-0317-USA

U.S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|--------------------|-----------------------|----------------------|-----------------------------------|-------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------|
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| C | AA | 4,215,051 | | Schroeder et al | 07/29/80 | |
| | AB | 4,376,110 | | David et al | 03/08/83 | |
| | AC | 4,594,595 | | Struckman | 06/10/86 | |
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| | AW | 6,110,490 | | Thierry | 08/29/00 | |
| C | AX | 6,150,584 | | Kucherlapati et al. | 11/21/00 | |
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| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) | | Applicant Number | 10/092,390 |
| | | Filing Date | 03/06/02 |
| | | First Named Inventor | Yu |
| | | Group Art Unit | 1043-1647 |
| | | Examiner Name | To be assigned NICHOLS |
| Attorney Docket Number | LEX-0317-USA | | |

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| OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| AY | Bird et al, 1988, "Single-Chain Antigen-Binding Proteins", Science 242:423-426. | | |
| AZ | Bitter et al, 1987, "Expression and Secretion Vectors for Yeast", Methods in Enzymology 153:516-544. | | |
| BA | Colbere-Garapin et al, 1981, "A New Dominant Hybrid Selective Marker for Higher Eukaryotic Cells", J. Mol. Biol. 150:1-14. | | |
| BB | Cote et al., 1983, "Generation of human monoclonal antibodies reactive with cellular antigens," Proc. Natl. Acad. Sci. USA 80:2026-2030. | | |
| BC | Gautier et al, 1987, "α-DNA IV:α-anomeric and β-anomeric tetrathymidylates covalently linked to intercalating oxazolopyridocarbazole. Synthesis, physicochemical properties and poly (rA) binding", Nucleic Acids Research 15(16):6625-6641. | | |
| BD | Gordon, 1989, "Transgenic Animals", International Review of Cytology, 115:171-229. | | |
| BE | Greenspan et al, 1993, "Idiotypes: structure and immunogenicity", FASEB Journal 7:437-444. | | |
| BF | Gu et al, 1994, "Deletion of a DNA Polymerase β Gene Segment in T Cells Using Cell Type-Specific Gene Targeting", Science 265:103-106. | | |
| BG | Huse et al, 1989, "Generation of a Large Combinatorial Library of the Immunoglobulin Repertoire in Phage Lambda", Science 246:1275-1281. | | |
| BH | Huston et al, 1988, "Protein engineering of antibody binding sites: Recovery of specific activity in an anti-digoxin single-chain Fv analogue produced in Escherichia coli", Proc. Natl. Acad. Sci. USA 85:5879-5883. | | |
| BI | Inoue et al, 1987, "Sequence-dependent hydrolysis of RNA using modified oligonucleotide splints and R Nase H", FEBS Letters 215(2):327-330. | | |
| BJ | Inoue et al, 1987, "Synthesis and hybridization studies on two complementary nona(2'-O-methyl)ribonucleotides", Nucleic Acids Research 15(15):6131-6149. | | |
| BK | Inouye & Inouye, 1985, "Up-promoter mutations in the lpp gene of Escherichia coli", Nucleic Acids Research 13(9):3101-3110. | | |
| BL | Janknecht et al, 1991, "Rapid and efficient purification of native histidine-tagged protein expressed by recombinant vaccinia virus", PNAS 88:8972-8976. | | |
| BM | Kohler & Milstein, 1975, "Continuous cultures of fused cells secreting antibody of predefined specificity", Nature 256:495-497. | | |
| BN | Lakso et al, 1992, "Targeted oncogene activation by site-specific recombination in transgenic mice", Proc. Natl. Acad. Sci. USA 89:6232-6236. | | |
| BO | Lavitrano et al, 1989, "Sperm Cells as Vectors for Introducing Foreign DNA into Eggs: Genetic Transformation of Mice", Cell 57:717-723. | | |
| BP | Lo, 1983, "Transformation by Iontophoretic Microinjection of DNA: Multiple Integrations without Tandem Insertions", Mol. & Cell. Biology 3(10):1803-1814. | | |

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|--------------------|--------------------|-----------------|--------|
| Examiner Signature | <i>[Signature]</i> | Date Considered | 5/2/03 |
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STATEMENT BY APPLICANT

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| First Named Inventor | Yu |
| Group Art Unit | 7643-1647 |
| Examiner Name | To be assigned NICHOLS |
| Attorney Docket Number | LEX-0317-USA |

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|--------------------|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
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| | BR | Lowy et al, 1980, "Isolation of Transforming DNA: Cloning the Hamster apt Gene", Cell 22:817-823. | - |
| | BS | Morrison et al, 1984, "Chimeric human antibody molecules: Mouse antigen-binding domains with human constant region domains", Proc. Natl. Acad. Sci. USA 81:6851-6855. | - |
| | BT | Mulligan & Berg, 1981, "Selection for animal cells that express the Escherichia coli gene coding for xanthine-guanine phosphoribosyltransferase", Proc. Natl. Acad. Sci. USA 78(4):2072-2076. | - |
| | BU | Neuberger et al, 1984, "Recombinant antibodies possessing novel effector functions", Nature 312:604-608. | - |
| | BV | Nisonoff, 1991, "Idiotypes: Concepts and Applications", J. of Immunology 147:2429-2438. | - |
| | BW | O'Hare et al, 1981, "Transformation of mouse fibroblasts to methotrexate resistance by a recombinant plasmid expressing a prokaryotic dihydrofolate reductase", Proc. Natl. Acad. Sci. USA 78(3):1527-1531. | - |
| | BX | Ruther et al, 1983, "Easy identification of cDNA clones", EMBO Journal 2(10):1791-1794. | - |
| | BY | Santerre et al, 1984, "Expression of prokaryotic genes for hygromycin B and G418 resistance as dominant-selection markers in mouse L cells", Gene 30:147-156. | - |
| | BZ | Sarin et al, 1988, "Inhibition of acquired immunodeficiency syndrome virus by oligodeoxynucleoside methylphosphonates", Proc. Natl. Acad. Sci. USA 85:7448-7451. | - |
| | CA | Smith et al, 1983, "Molecular Engineering of the Autographa californica Nuclear Polyhedrosis Virus Genome: Deletion Mutations within the Polyhedrin Gene", J. Virol. 46(2):584-593. | - |
| | CB | Stein et al, 1988, "Physicochemical properties of phosphorothioate oligodeoxynucleotides", Nucleic Acids Research 16(8):3209-3221. | - |
| | CC | Szybalska & Szybalski, 1962, "Genetics of Human Cell Lines, IV. DNA-Mediated Heritable Transformation of a Biochemical Trait", Proc. Natl. Acad. Sci. USA 48:2026-2034. | - |
| | CD | Takeda et al, 1985, "Construction of chimaeric processed immunoglobulin genes containing mouse variable and human constant region sequences", Nature 314:452-454. | - |
| | CE | Thompson et al, 1989, "Germ Line Transmission and Expression of a Corrected HPRT Gene Produced by Gene Targeting in Embryonic Stem Cells", Cell 56:313-321. | - |
| | CF | Van Der Putten et al, 1985, "Efficient insertion of genes into the mouse germ line via retroviral vectors", Proc. Natl. Acad. Sci. USA 82:6148-6152. | - |
| | CG | Van Heeke et al, 1989, "Expression of Human Asparagine Synthetase in Escherichia coli", J. Biol. Chemistry 264(10):5503-5509. | - |
| | CH | Ward et al, 1989, "Binding activities of a repertoire of single immunoglobulin variable domains secreted from Escherichia coli", Nature 341:544-546. | - |
| | CI | Wigler et al, 1977, "Transfer of Purified Herpes Virus Thymidine Kinase Gene to Cultured Mouse Cells", Cell 11:223-232. | - |
| GW | CJ | Wigler et al, 1980, "Transformation of mammalian cells with an amplifiable dominant-acting gene", Proc. Natl. Acad. Sci. USA 77(6):3567-3570. | - |

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